



Atty. Dkt. No. 081445-0328

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John E. Seem  
Title: IMPROVED PATTERN  
RECOGNITION ADAPTIVE  
CONTROLLER  
Appl. No.: 10/612,621  
Filing Date: 07/02/2003  
Examiner: Unknown  
Art Unit: Unknown

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

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**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.97-98 and in accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicant submits herewith the references listed on the attached Form PTO-SB/08 to the Examiner such that they may be considered and made of record in the above-identified application. A copy of the required reference is enclosed.

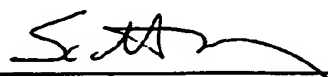
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated,

otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

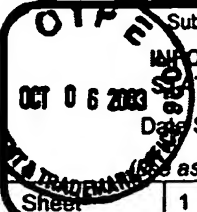
Date 10/2/03

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	Substitute for form 1449B/PTO		<b>Complete if Known</b>	
	<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/612,621
	Date Submitted: October 1, 2003		Filing Date	07/02/2003
	(as many sheets as necessary)		First Named Inventor	John E. Seem
	Sheet 1 of 1		Group Art Unit	Unknown
			Examiner Name	Unknown
			Attorney Docket Number	081445-0328

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,540,148	B1	Salsbury et al.	04/01/2003	
	A2	5,506,768		Seem et al.	04/09/1996	
	A3	5,355,305		Seem et al.	10/11/1994	

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A4	SALISBURY, TIMOTHY I., "A new pulse modulation adaptive controller (PMAC) applied to HVAC Systems," Control Engineering Practice 10 (2002), pp. 1357-1370, 2002 Elsevier Science Ltd., PII:S0967-0661 (02) 00099-0, 29 April 2002.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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